

Title (en)

SINGLE SEGMENT ROTOR WITH SINGLE SEGMENTS HELD BY GIRDERS AND METHOD OF MANUFACTURING

Title (de)

EINZELSEGMENTLÄUFER MIT DURCH BIEGETRÄGER GEHALTENEN EINZELSEGMENTEN UND HERSTELLUNGSVERFAHREN

Title (fr)

ROTOR À SEGMENTS INDIVIDUELS COMPRENANT DES SEGMENTS INDIVIDUELS MAINTENUS PAR DES SUPPORTS FLEXIBLES ET PROCÉDÉ DE FABRICATION

Publication

EP 2973945 B1 20170201 (DE)

Application

EP 13758778 A 20130827

Priority

- EP 13163936 A 20130416
- EP 2013067656 W 20130827
- EP 13758778 A 20130827

Abstract (en)

[origin: WO2014169972A1] The aim is to provide an individual-segment rotor, the construction of which requires low production expenditure. For this purpose, an individual-segment rotor having an axis of rotation and a plurality of laminated core segments (5) arranged around the axis of rotation is provided. Each laminated core segment (5) is radially fastened to a separate flexural support (11). All flexural supports (11) are radially retained by at least one fastening ring (14).

IPC 8 full level

H02K 1/27 (2006.01); **H02K 15/03** (2006.01)

CPC (source: EP US)

H02K 1/22 (2013.01 - US); **H02K 1/2773** (2013.01 - EP US); **H02K 1/28** (2013.01 - US); **H02K 15/03** (2013.01 - EP US); **H02K 15/02** (2013.01 - US)

Cited by

DE102021126663A1; DE102020107830A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 2793365 A1 20141022; CN 105122596 A 20151202; CN 105122596 B 20170721; EP 2973945 A1 20160120; EP 2973945 B1 20170201; US 2016065011 A1 20160303; US 9935508 B2 20180403; WO 2014169972 A1 20141023

DOCDB simple family (application)

EP 13163936 A 20130416; CN 201380075668 A 20130827; EP 13758778 A 20130827; EP 2013067656 W 20130827; US 201314784882 A 20130827